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A MONOGRAPH

OF THE

CULICIDAE

OR

MOSQUITOES.

MAINLY COMPILED FROM THE COLLECTIONS RECEIVED AT

THE BRITISH MUSEUM

FROM VARIOUS PARTS OF THE WORLD

IN CONNECTION WITH

THE INVESTIGATION INTO THE CAUSE OF MALARIA
CONDUCTED BY THE COLONIAL OFFICE
AND THE ROYAL SOCIETY.

BY

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PLATES.

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DUKE STREET, STAMFORD STREET, S.E., AND 28, GREAT WINDMILL STREET, W.

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5. *Trichoprosopon nivipes.*
6. *Aedeomyia squammipenna.*

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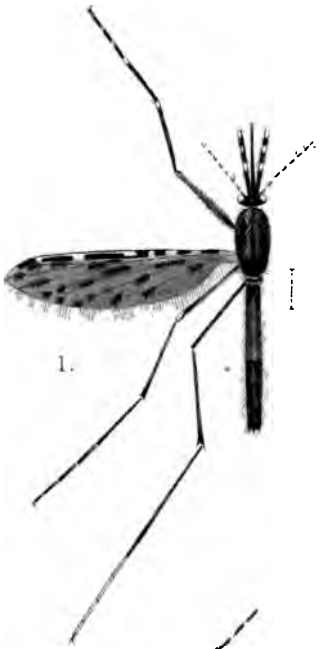
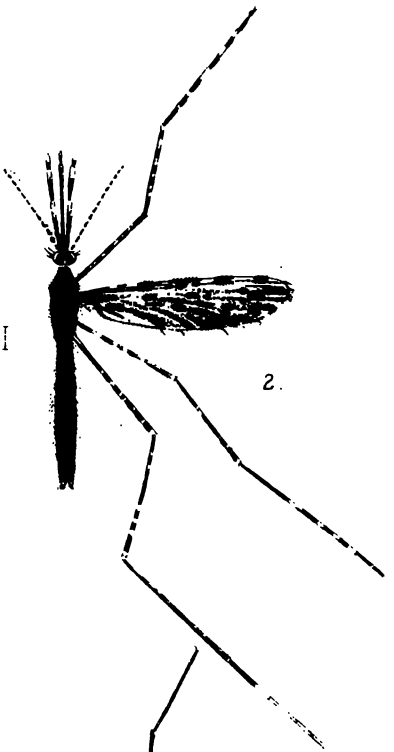
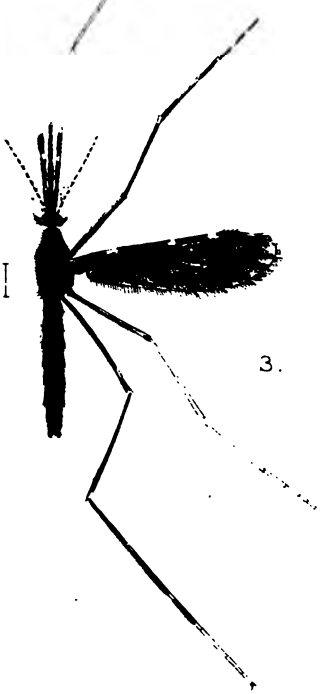
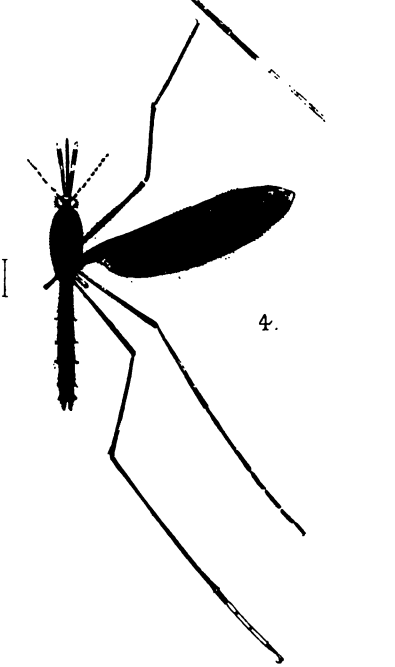
„ 3. *Anopheles fuliginosus.* Giles.

„ 4. *Anopheles argyrotarsis.* Wiedemann. sub-sp. *albipes.*









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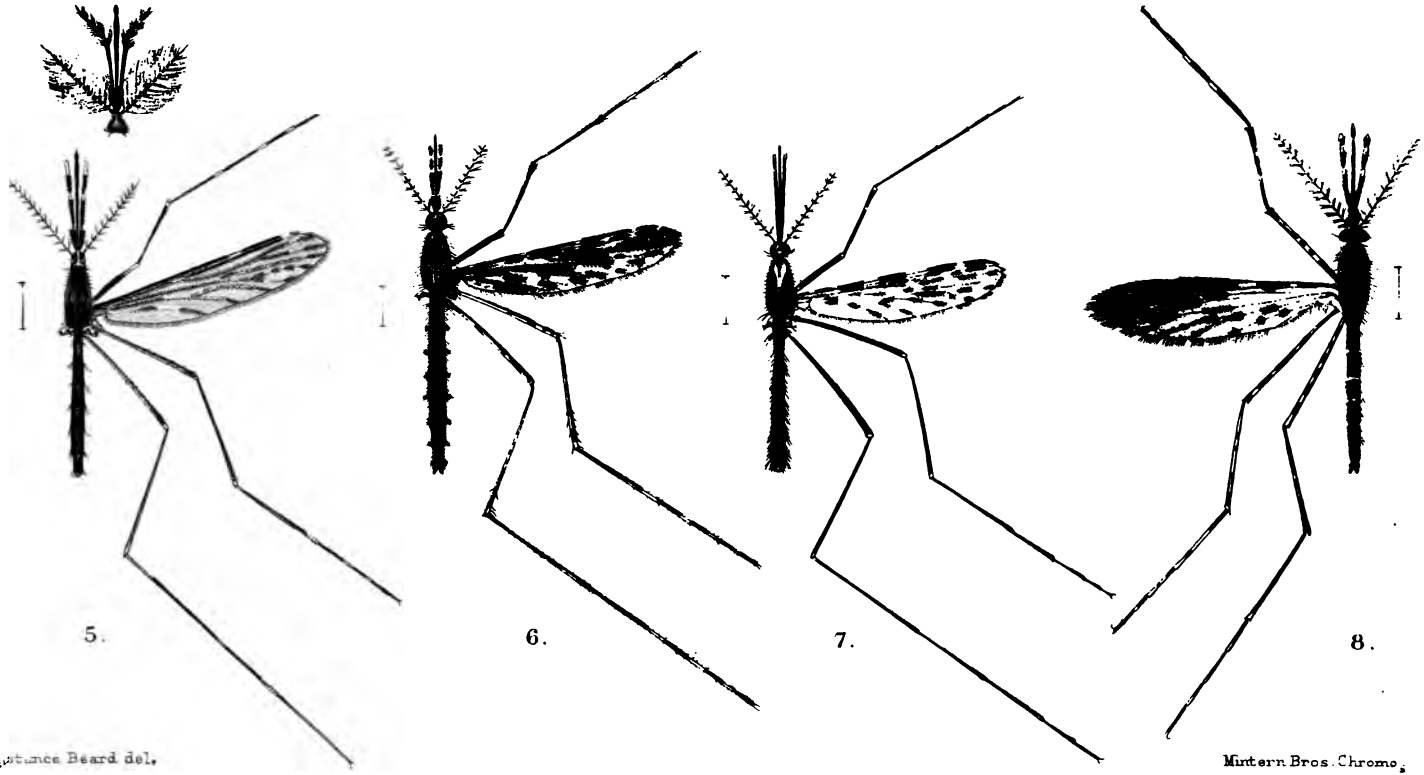
„ 8. *Anopheles Pharoensis.* n.sp.



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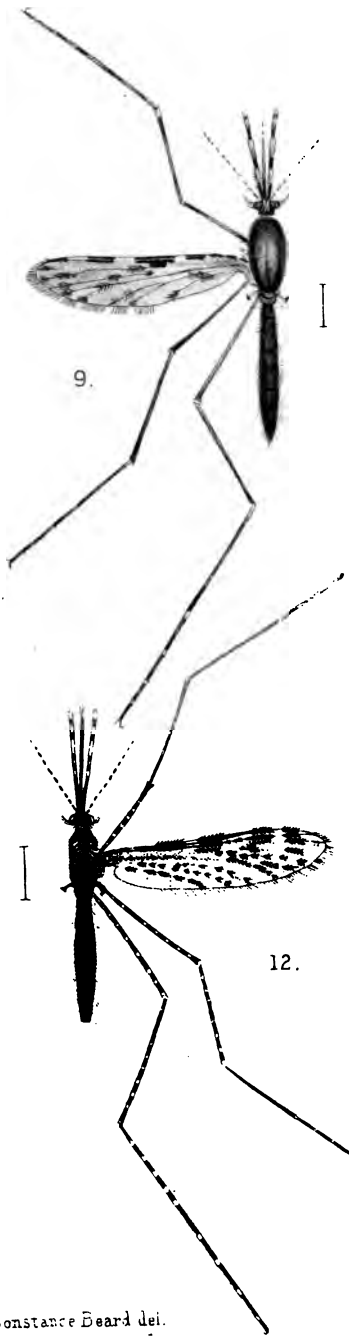

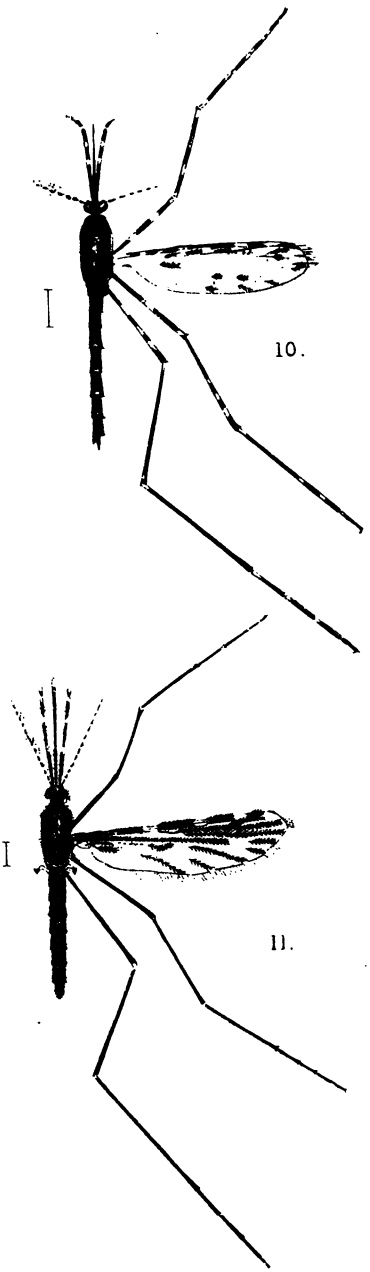

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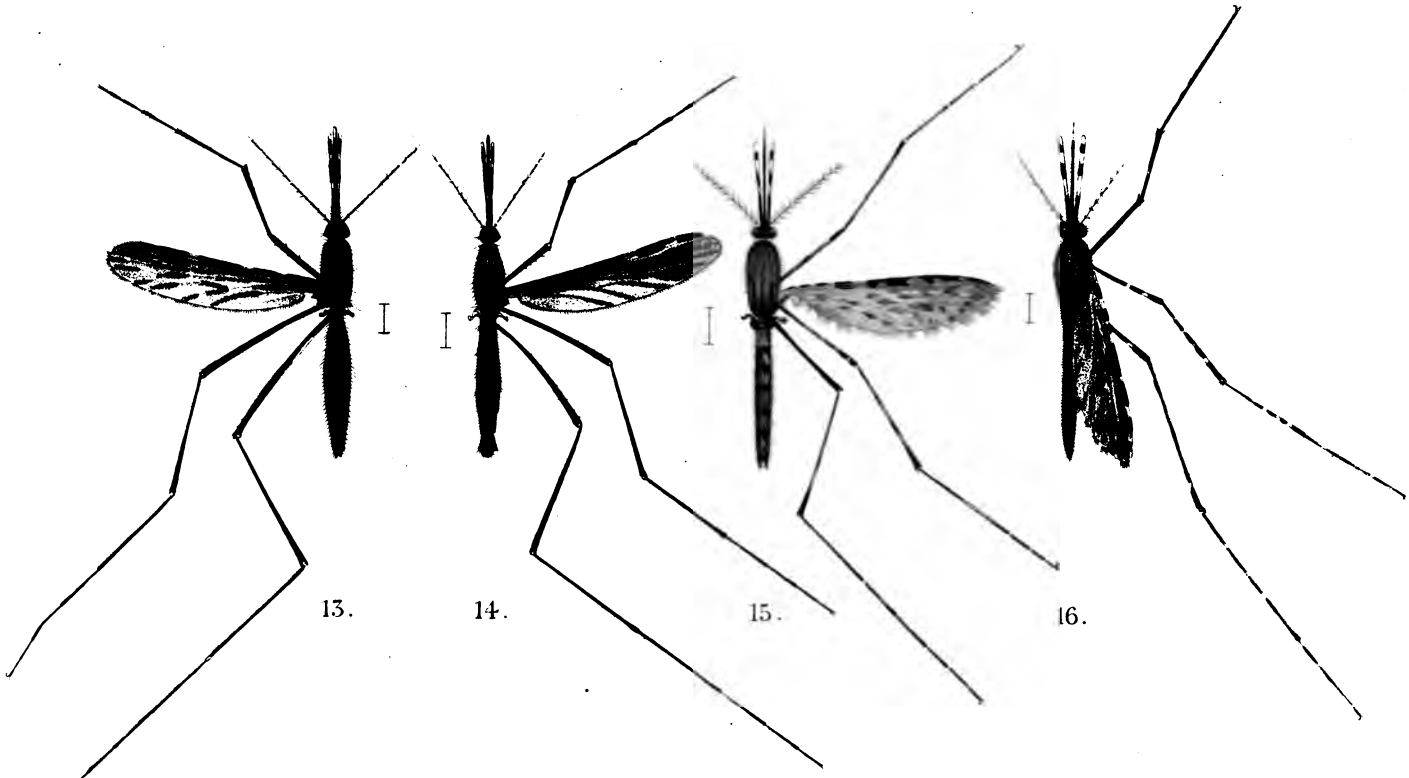

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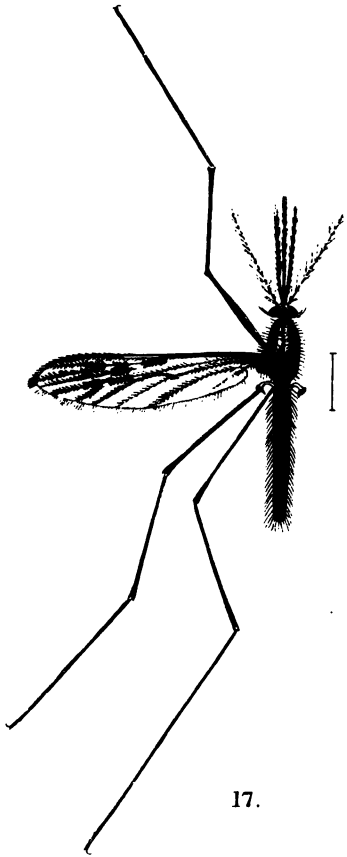

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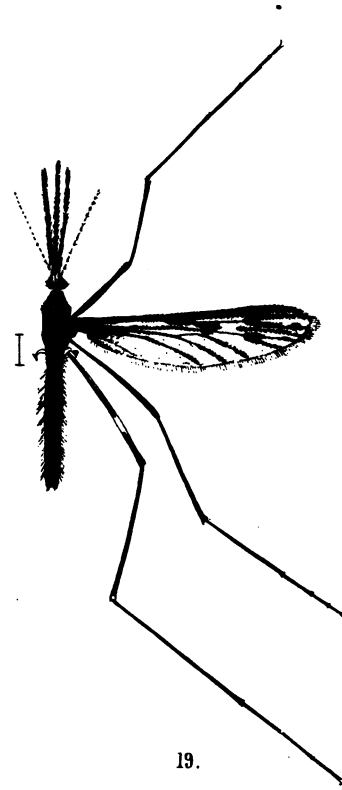

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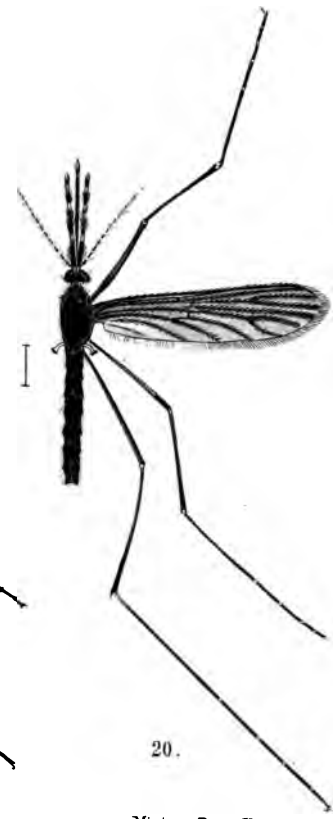

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„ 23. *Anopheles crucians.* Wiedemann.

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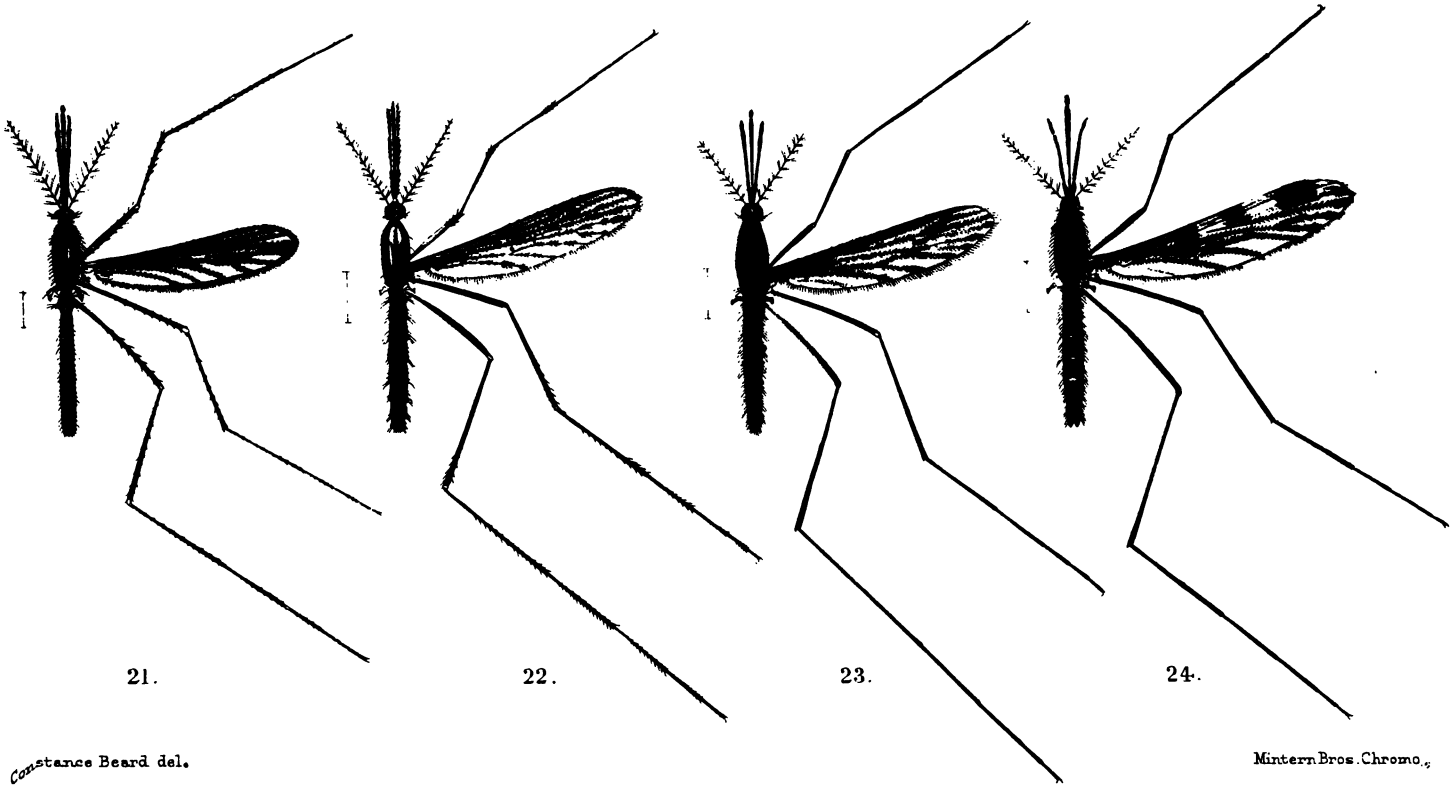

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* This is undoubtedly a *Toxorhynchites*, and closely resembles *M.* (*T.*) *immisericors*, Walker, if not identical with it.

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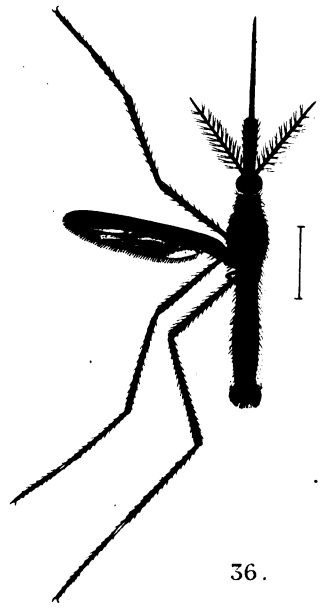

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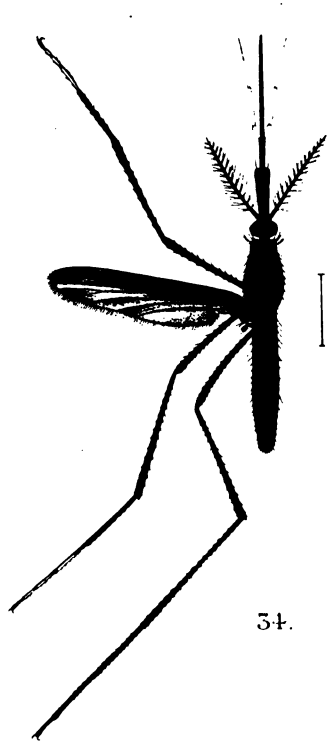

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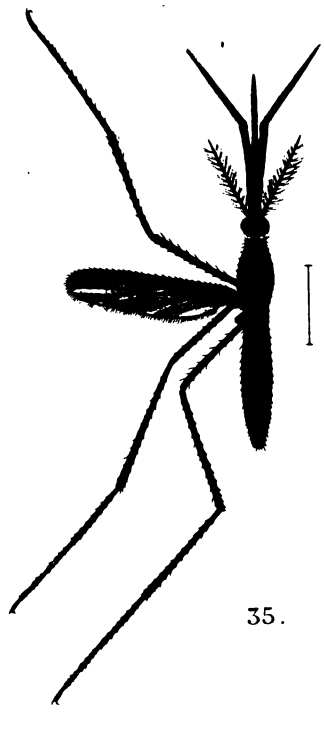

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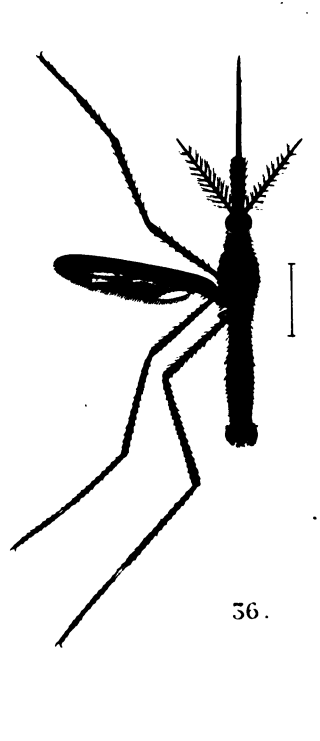

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„ 38. *Psorophora Holmbergii.* Arribalzaga.

„ 39. *Psorophora scintillans* (♂). Walker.
(*Sabethes scintillans.* Walker.)

„ 40. *Psorophora scintillans* (♀). Walker.

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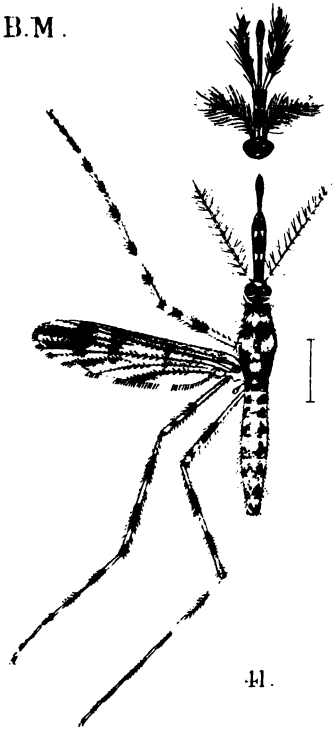
„ 42. *Mucidus mucidus.* Karsch.

„ 43. *Sabethes remipes.* Wiedemann.

„ 44. *Janthinosoma musica.* Say.
(*Culex musicus.* Say.)



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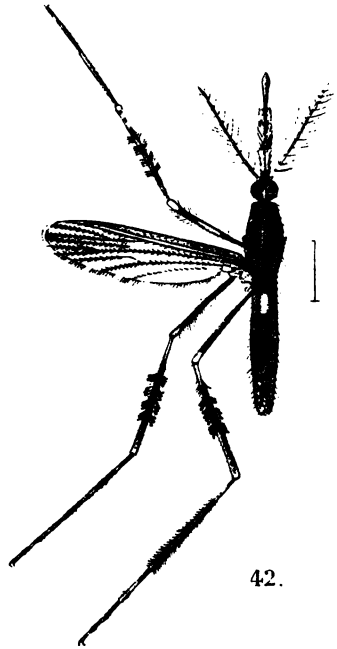
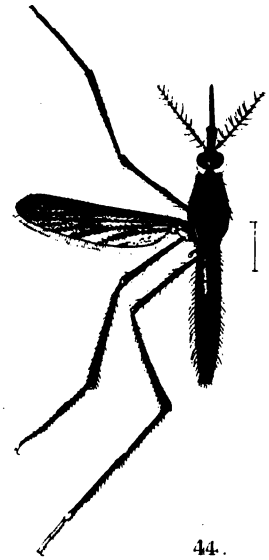


42.

43.



44.

M. Horman Fisher del.

Mintern Bros Chromo.

PLATE XII.

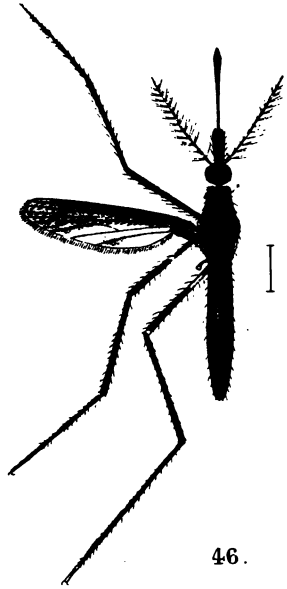
Fig. 45. *Janthinosoma posticata.* Wiedemann.

„ 46. *Janthinosoma Lutzii.* n.sp.

„ 47. *Eretmapodites quinquevittatus* (♂). n.sp.

„ 48. *Eretmapodites quinquevittatus* (♀). n.sp.

45.



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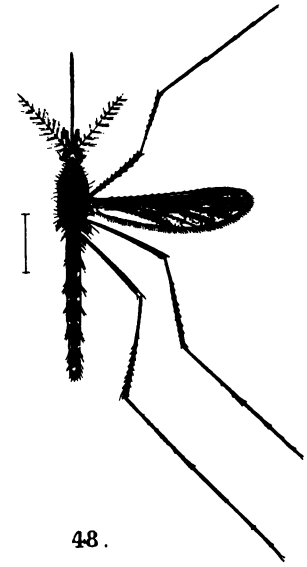
47.



48.

M. Hoffman-Fisher (45 & 46) & Constance Beard (47 & 48) del.

Mintern Bros. Chromo.

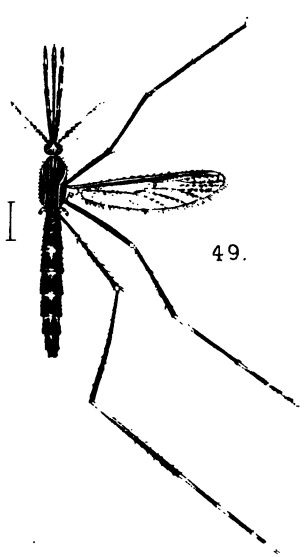
PLATE XIII.

Fig. 49. *Stegomyia fasciata* (♂). Fabricius.
(*C. taeniatus*. Wiedemann.)

„ 50. *Stegomyia fasciata* (♀). Fabricius.

„ 51. *Stegomyia sugens*. Wiedemann.
(*Culex sugens*. Wiedemann.)

„ 52. *Stegomyia notoscripta*. Skuse.
(*Culex notoscriptus*. Skuse.)



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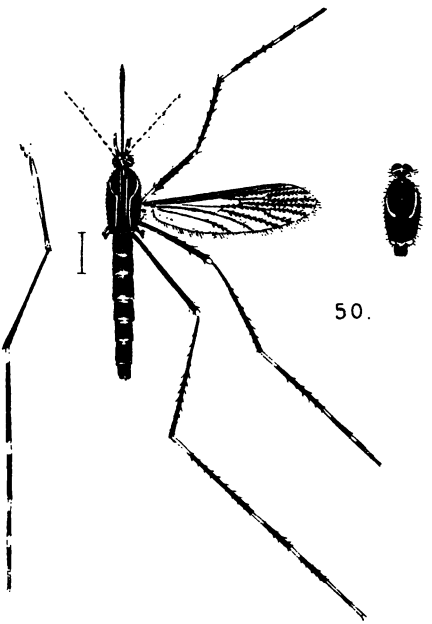

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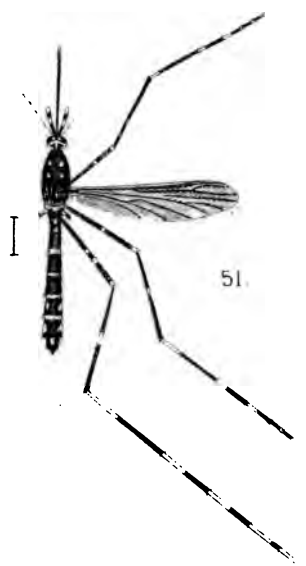

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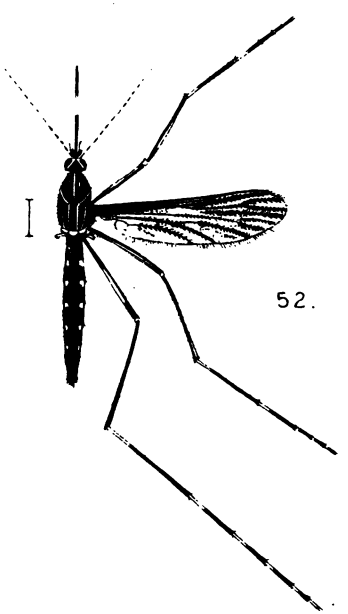


52.

Constance Beard del.

A.S. Huth. Lith. London.

PLATE XIV.

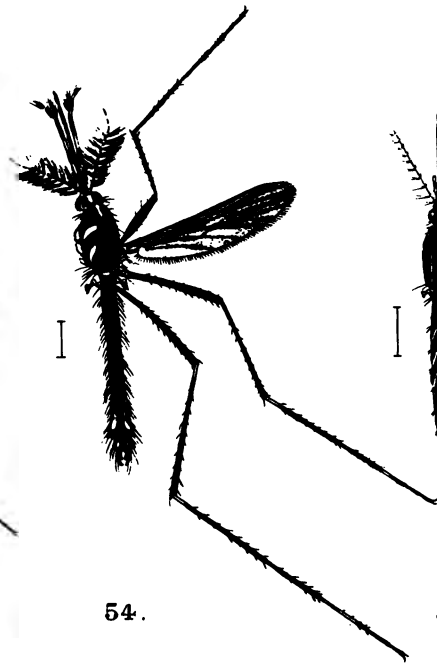
Fig. 53. *Stegomyia scutellaris.* Walker.
(*Culex scutellaris.* Walker.)

„ 54. *Stegomyia Africana.* n.sp.

„ 55. *Stegomyia Grantii.* n.sp.

„ 56. *Stegomyia Nigeria.* n.sp.

53.



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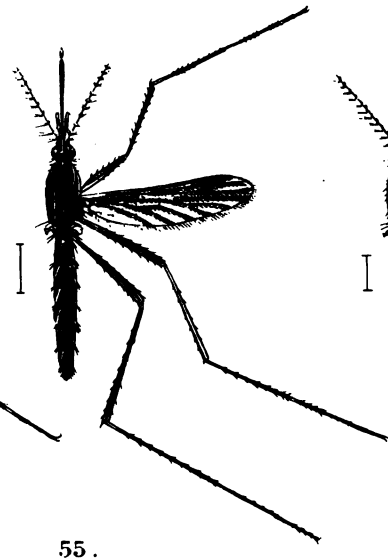

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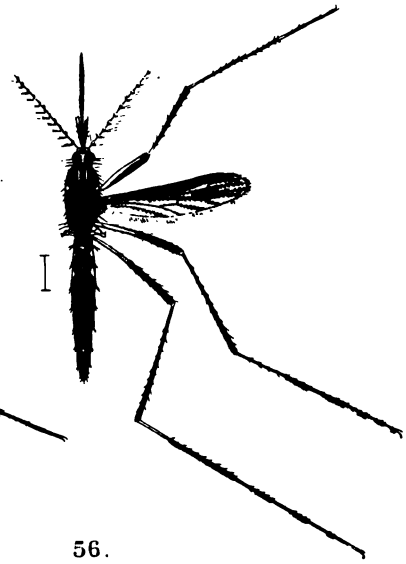


56.

Constance Beard del.

Mintern Bros. Chromo.

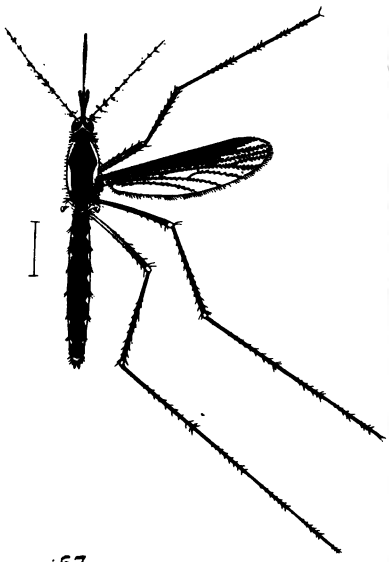
PLATE XV.

Fig. 57. *Armigeres ventralis.* Walker.
(*C. obturbans.* Walker.)
(*C. ventralis.* Walker.)

„ 58. *Culex annulatus.* Meigen.

„ 59. *Culex Ficalbii.* Noe.

„ 60. *Culex spathipalpis.* Rondani.



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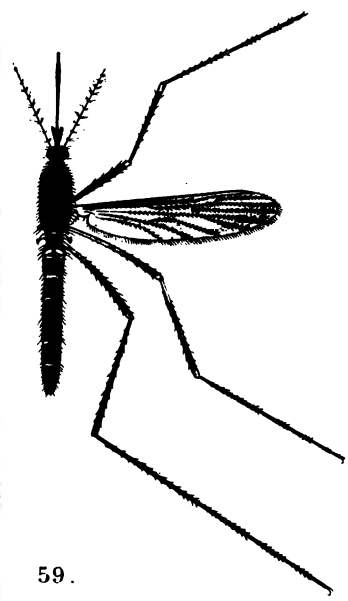
58.



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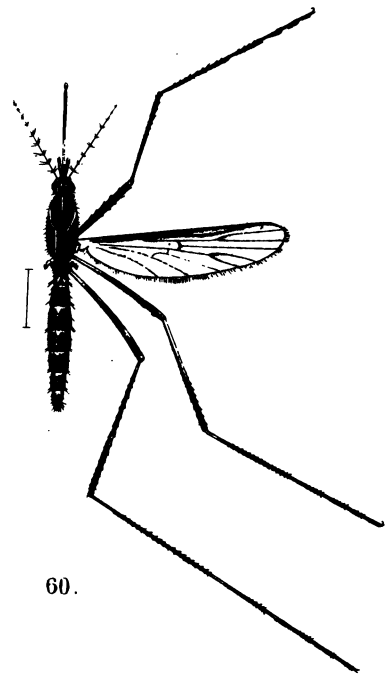


60.

Constance Beard del.

Mintern Bros. Chromo.

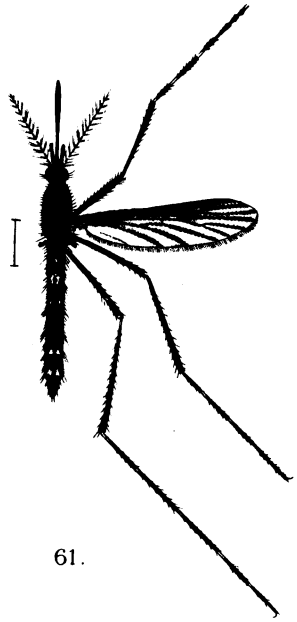
PLATE XVI.

Fig. 61. *Culex Jamaicensis.* n.sp.

„ 62. *Culex Bigotii.* Bellardi.

„ 63. *Culex mimeticus.* Noe.

„ 64. *Culex sollicitans.* Walker.



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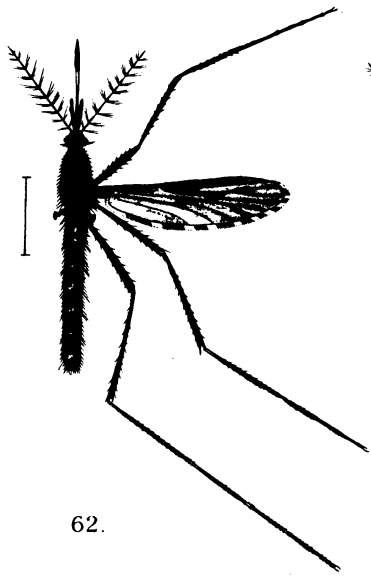

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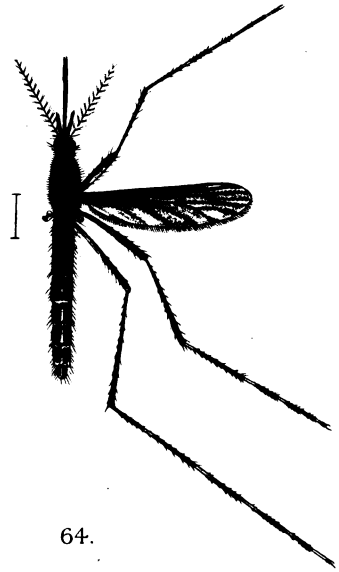


64.

Prance Beard del.

Lith. Werner & Winter, Frankfort a/M.

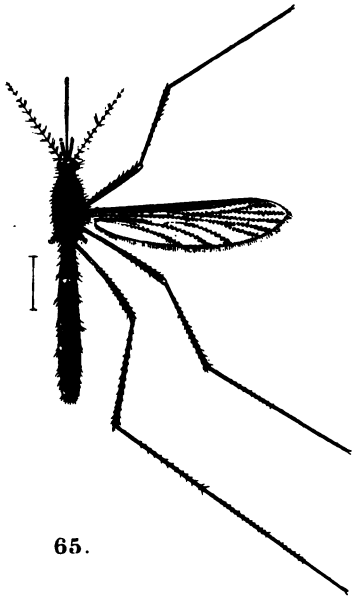
PLATE XVII.

Fig. 65. *Taeniorhynchus tenax.* n.sp.

„ 66. *Culex Vishnui.* n.sp.

„ 67. *Culex dissimilis.* n.sp.

„ 68. *Culex taeniorhynchus.* Wiedemann.



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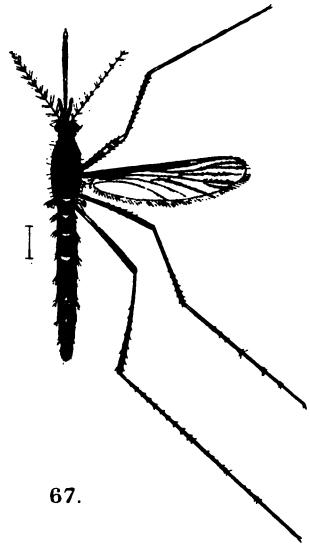
66.



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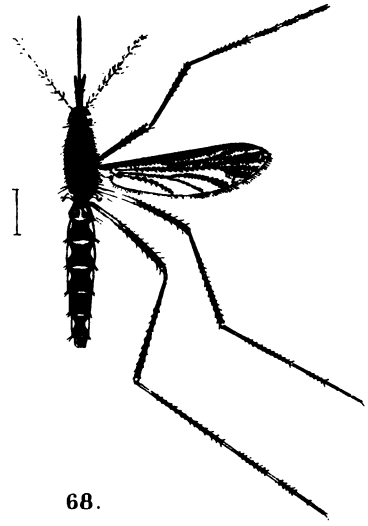


68.

Constance Beard del.

Mintern Bros Chromo.

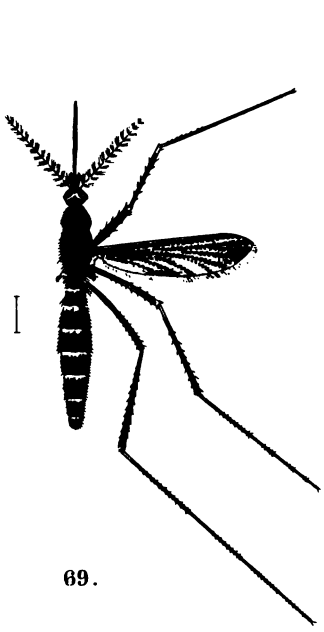
PLATE XVIII.

Fig. 69. *Culex microannulatus.* n.sp.

„ 70. *Culex Japonicus.* n.sp.

„ 71. *Culex occidentalis.* Skuse.

„ 72. *Culex vigilax.* Skuse.



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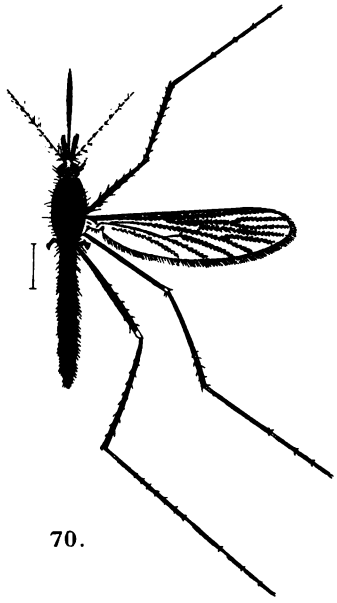

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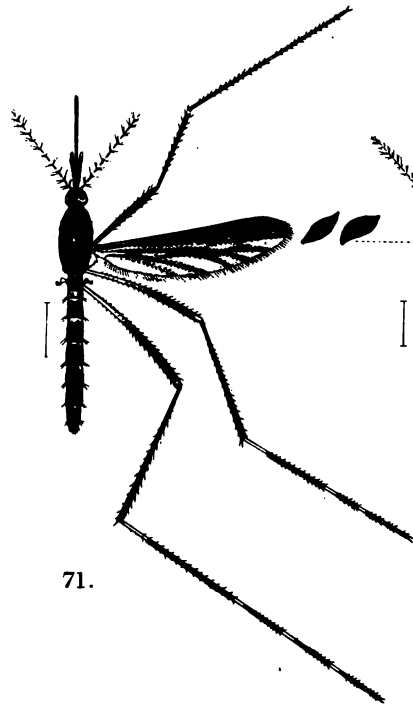


71.

72.

Constance Beard del.

Mintern Bros. Chromo.

PLATE XIX.

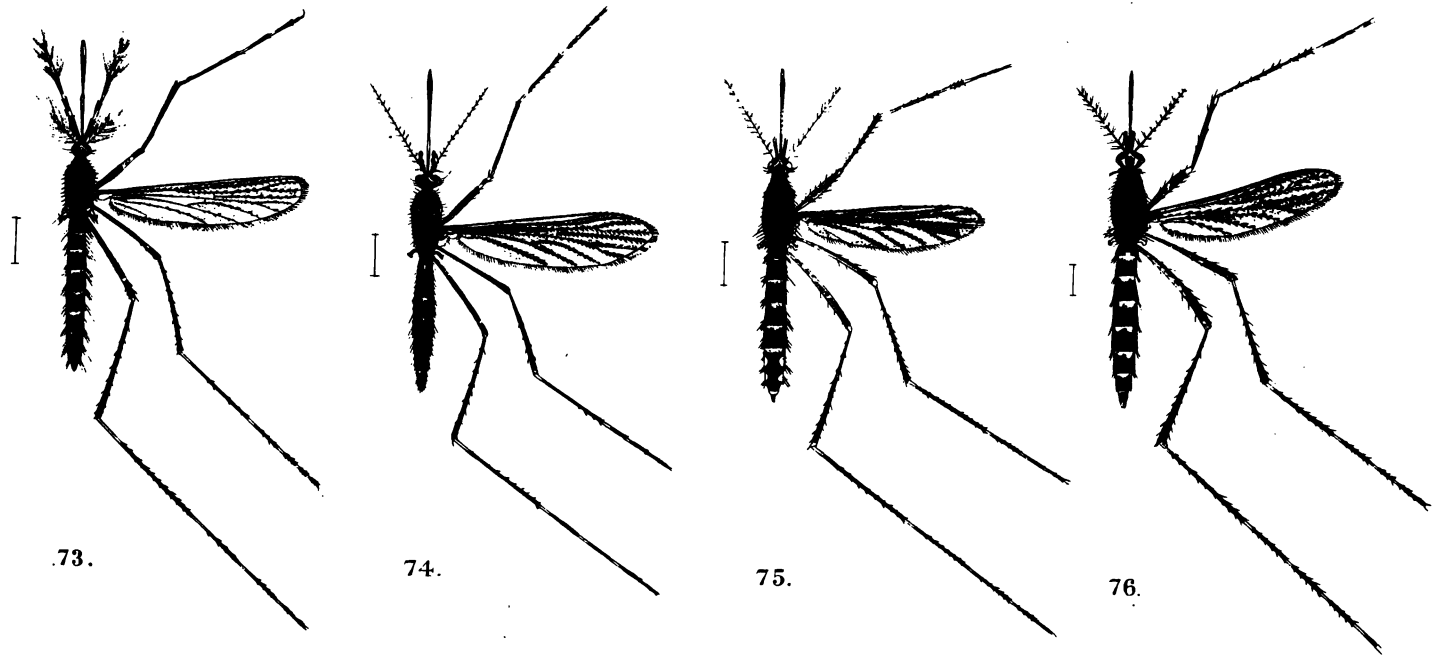
Fig. 73. *Culex alboannulatus* (♂). Macquart.

„ 74. *Culex alboannulatus* (♀). Macquart.

„ 75. *Culex marinus*. n.sp.

„ 76. *Culex procax*. Skuse.

Plate XIX.



73.

74.

75.

76.

Constance Beard del.

Mintern Bros. Chromo.

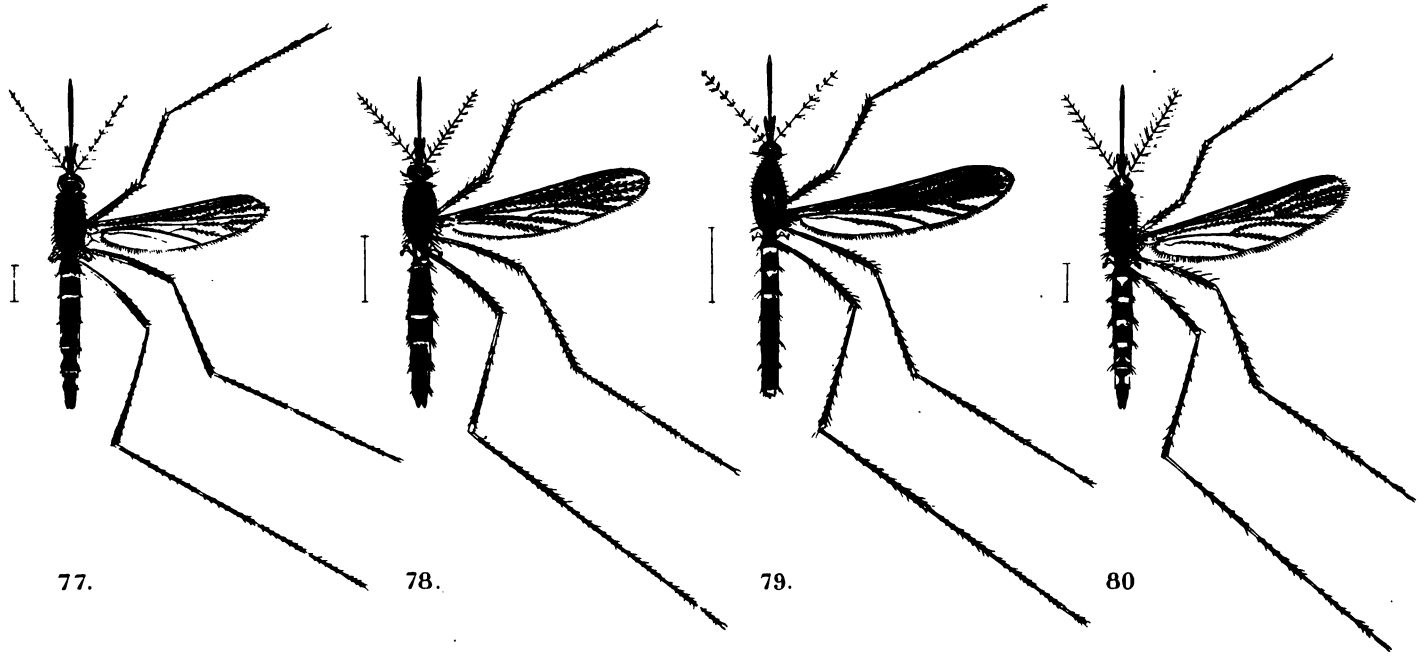
PLATE XX.

Fig. 77. *Culex caecus.* n.sp.

„ 78. *Culex cantans.* Meigen.

„ 79. *Culex morsitans.* n.sp.

„ 80. *Culex hirsutum.* n.sp.



77. 78. 79. 80

Constance Beard del.

Mintern Bros. Chromo.

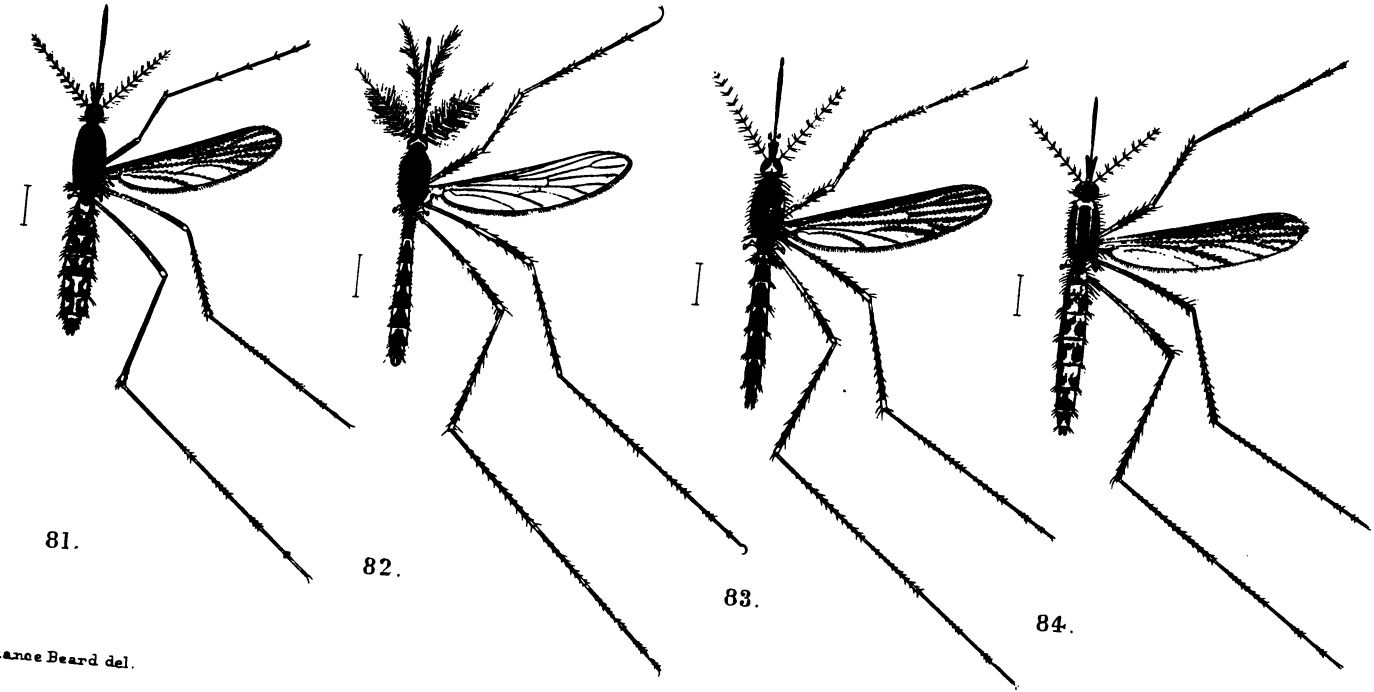
PLATE XXI.

Fig. 81. *Culex pulcripalpis.* Rondani.

„ 82. *Culex Canadensis* (♂). n.sp.

„ 83. *Culex Canadensis* (♀). n.sp.

„ 84. *Culex dorsalis.* Meigen.



81.

82.

83.

84.

Constance Beard del.

Mintern Bros. Chromo.

PLATE XXII.

Fig. 85. *Culex tigripes.* Grandpre.

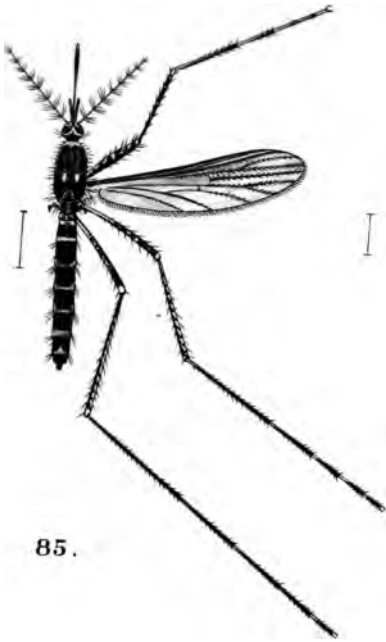
„ 86. *Culex univittata.* n.sp.

„ 87. *Culex lateralis.* Meigen.

„ 88. *Taeniorhynchus aurites.* n.sp.

B.M.

Plate XXII.



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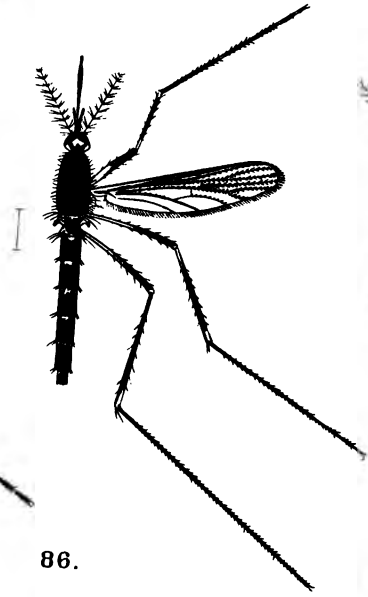

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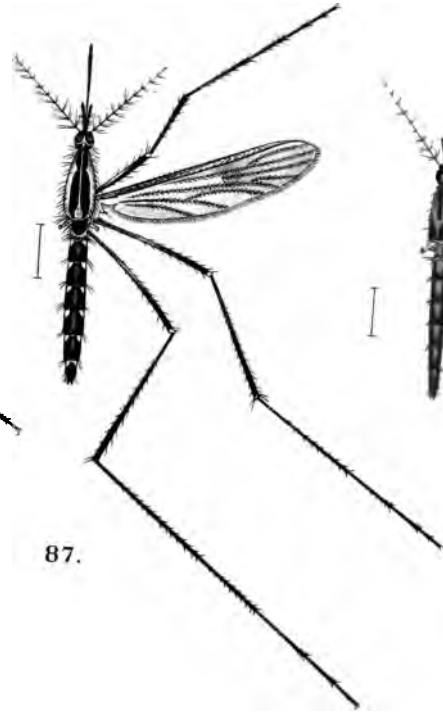

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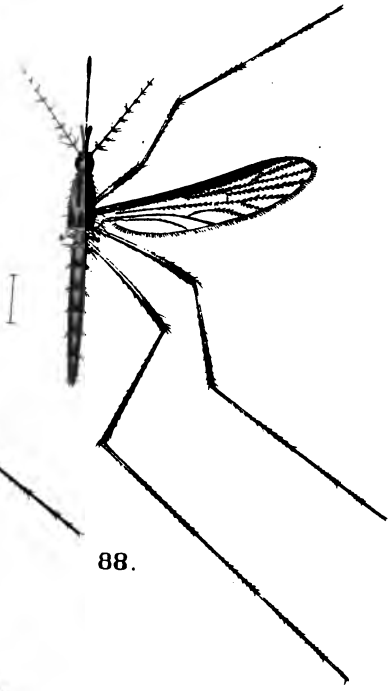


88.

Constance Beard del.

Mintern Bros. Chromo.

PLATE XXIII.

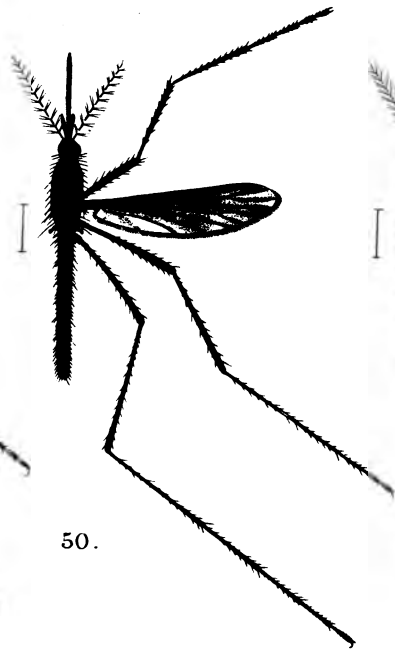
Fig. 89 *Taeniorhynchus brevicellulus* (♂). n.sp.

„ 90. *Taeniorhynchus conopas* (♀). Frauenfeld.

„ 91. *Taeniorhynchus acer.* Walker.
(*Culex acer.* Walker.)

„ 92. *Culex pulcriventer.* Giles.

89.



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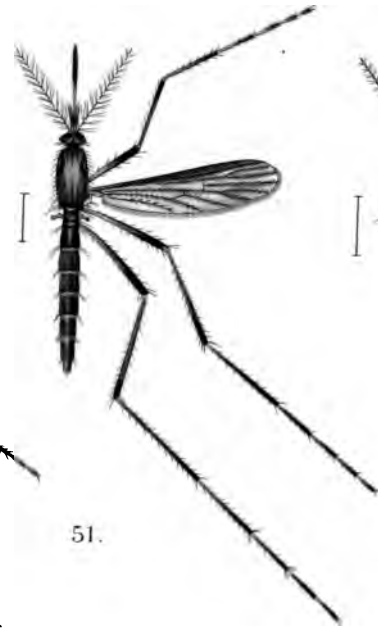


51.

52.

-e Beard del.

Lith. Werner & Winter, Frankfort a. M.

PLATE XXIV.

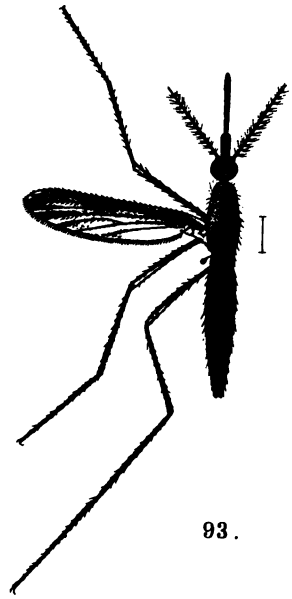
Fig. 93. *Culex gelidus.* n.sp.

„ 94. *Culex confirmatus.* Arribalzaga.

„ 95. *Culex serratus.* n.sp.

„ 96. *Aedes cinereus.* Meigen.

Plate XXIV.



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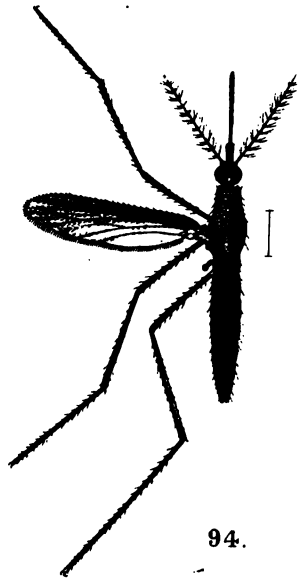

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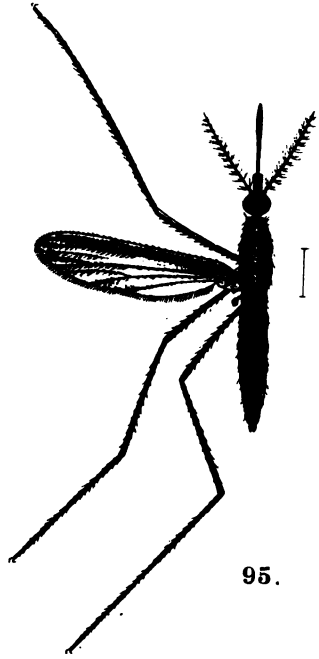

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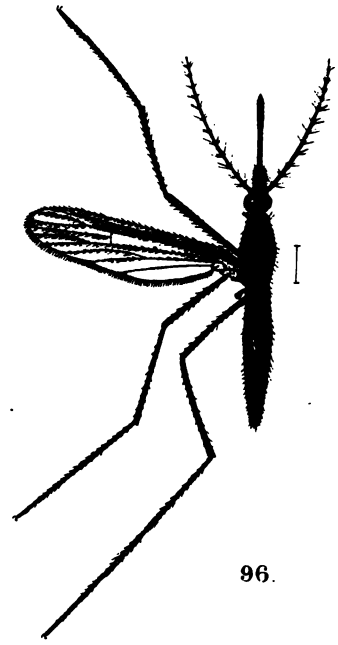


96.

M. Horman Fisher del.

Mintern Bros. Chrom

PLATE XXV.

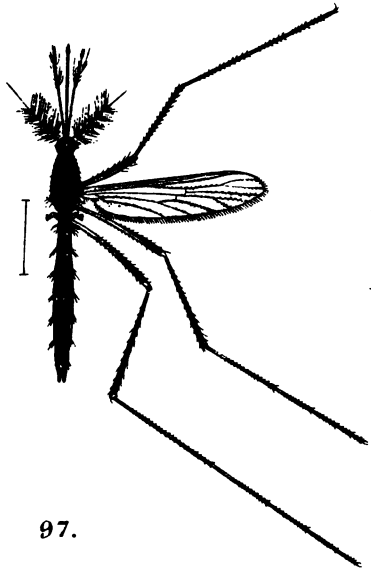
Fig. 97. *Culex nemorosus* (♂). Meigen.

„ 98. *Culex nemorosus* (♀). Meigen.

„ 99. *Culex nemorosus*, *var. detritus*. Haliday.

„ 100. *Culex nigritulus*. Zetterstedt.

Plate XXV.



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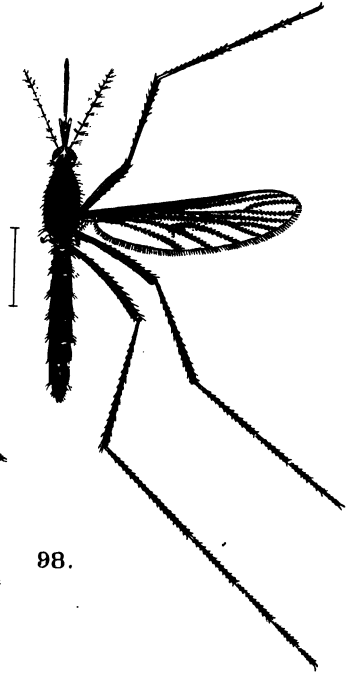

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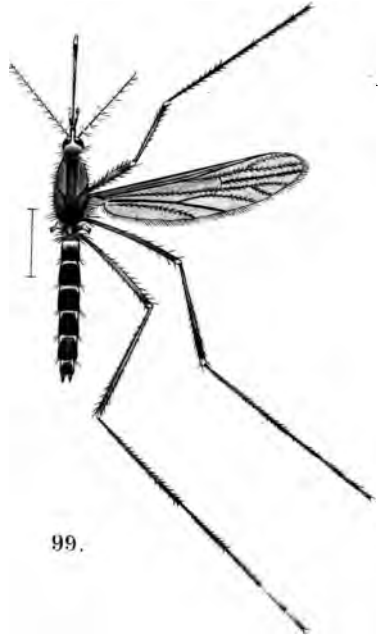

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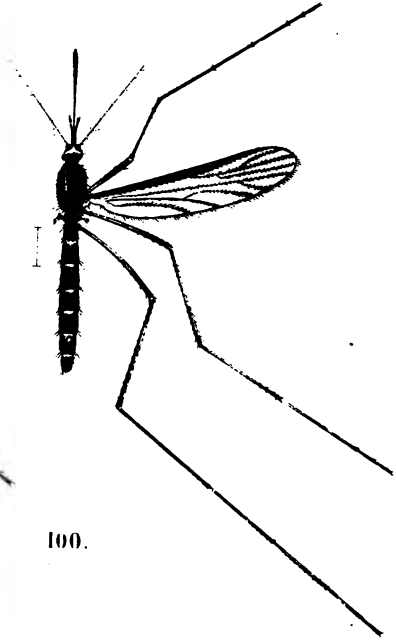


100.

Constance Beard dal.

Mintern Bros. Chromo.

PLATE XXVI.

Fig. 101. *Culex pervigilans.* Bergroth.

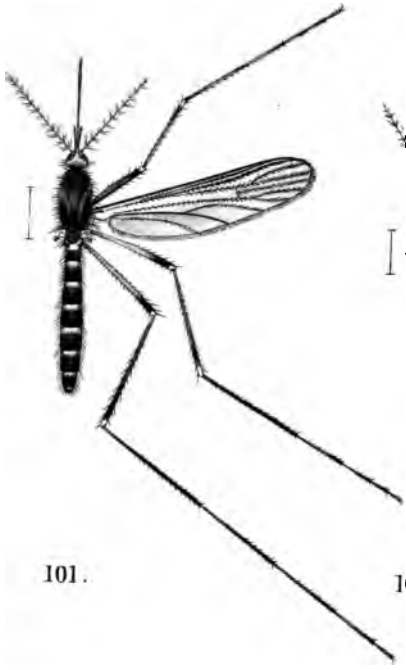
„ 102. *Culex* (?) *metallicus.* n.sp.

„ 103. *Culex Frenchii.* n.sp.

„ 104. *Culex Spencerii.* n.sp.

B.M.

Plate XXVI.



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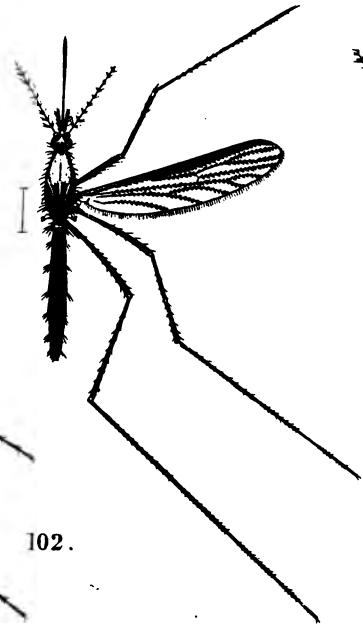

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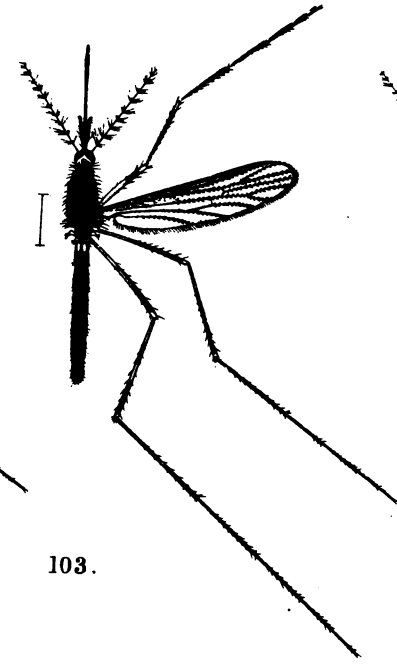

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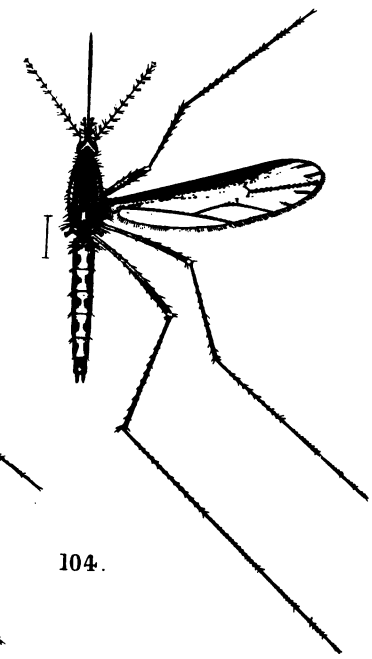


104.

Constance Beard del.

Mintern Bros. Chromos

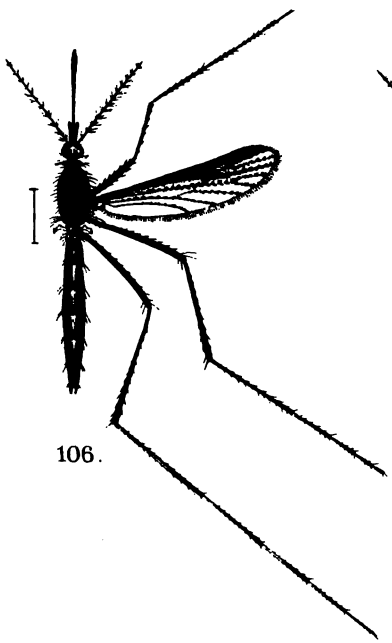
PLATE XXVII.

Fig. 105. *Culex trilineatus.* n.sp.

„ 106. *Culex ochraceus.* n.sp.

„ 107. *Culex diversus.* n.sp.

„ 108. *Culex luteolateralis.* n.sp.



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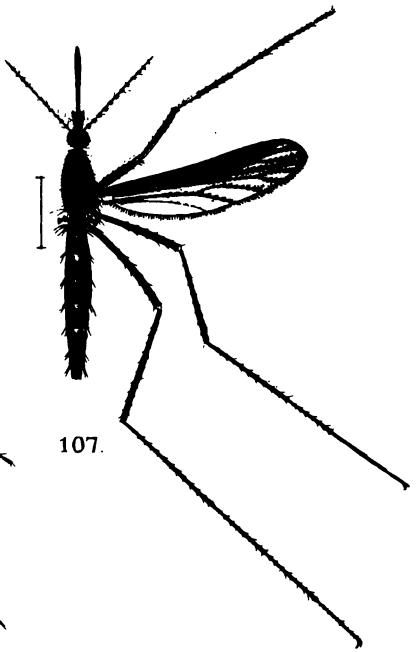

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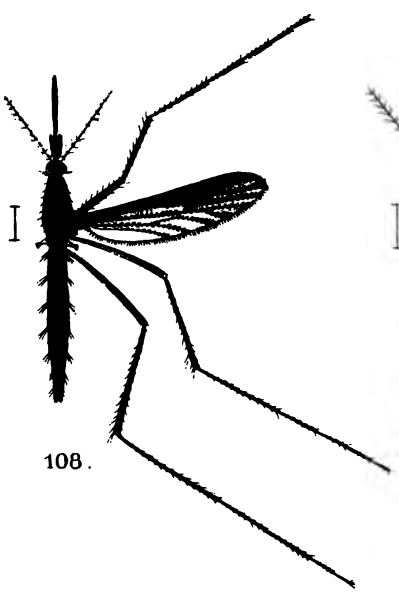

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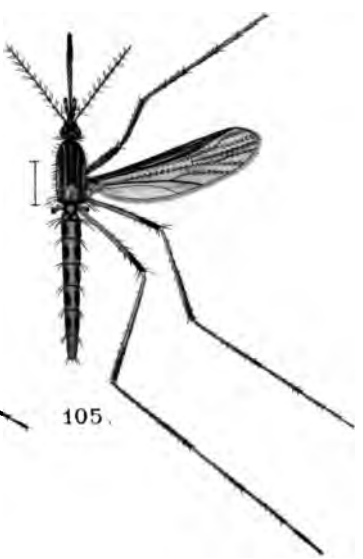


105.

C Beard del.

West, Newman chromo.

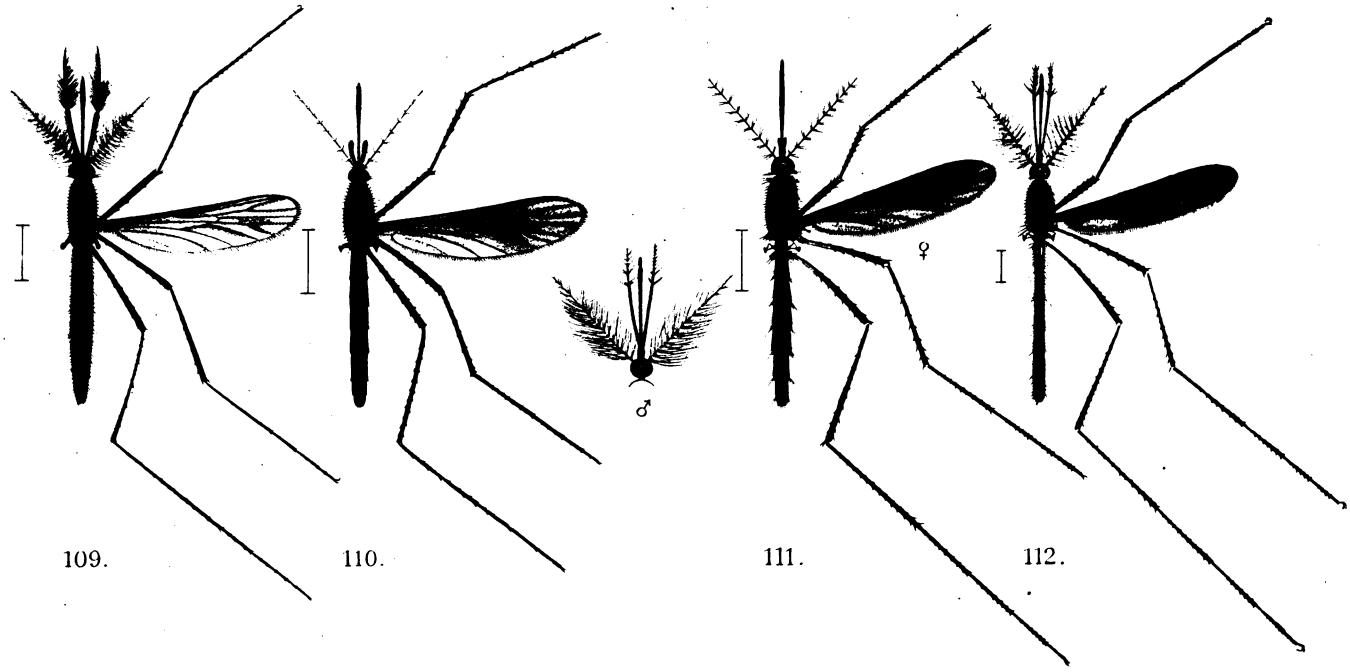
PLATE XXVIII.

Fig. 109. *Culex concolor* (♂). R. Desvoidy.

„ 110. *Culex concolor* (♀). R. Desvoidy.

„ 111. *Culex cinereus* (♂). n.sp.

„ 112. *Culex pseudocinereus.* n.sp.



109. 110. 111. 112.

rd del. Lith. Werner & Winter, Frankfurt a/M.

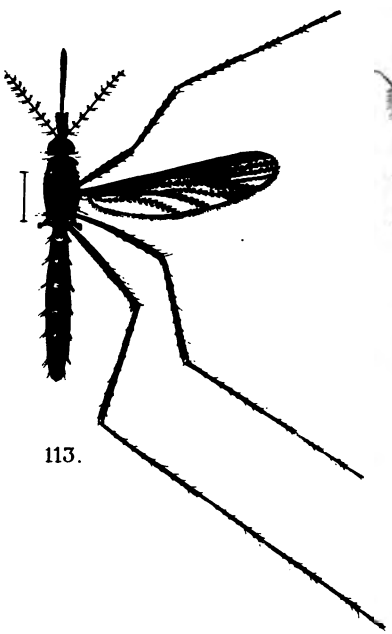
PLATE XXIX.

Fig. 113. *Culex pipiens.* Linnaeus.

„ 114. *Culex fatigans* (♂). Wiedemann.

„ 115. *Culex fatigans* (♀). Wiedemann.

„ 116. *Culex viridiventer.* Giles.



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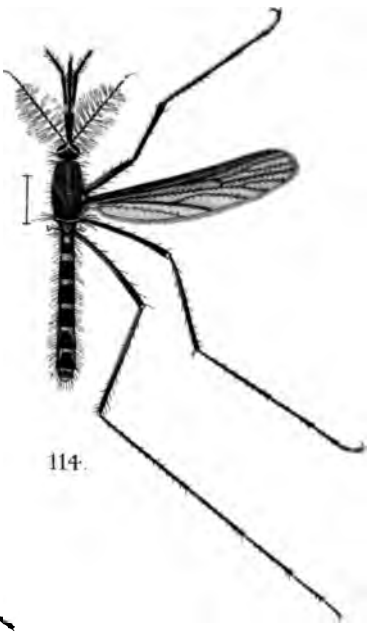

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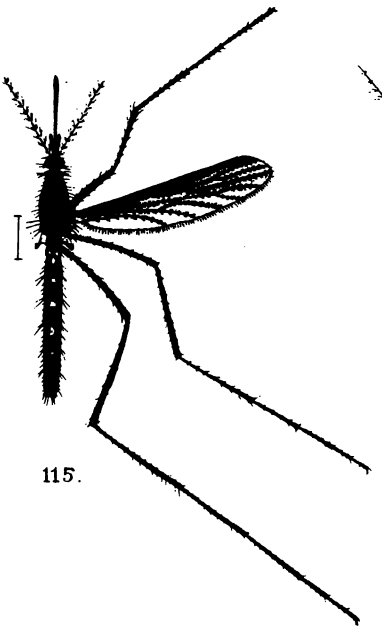

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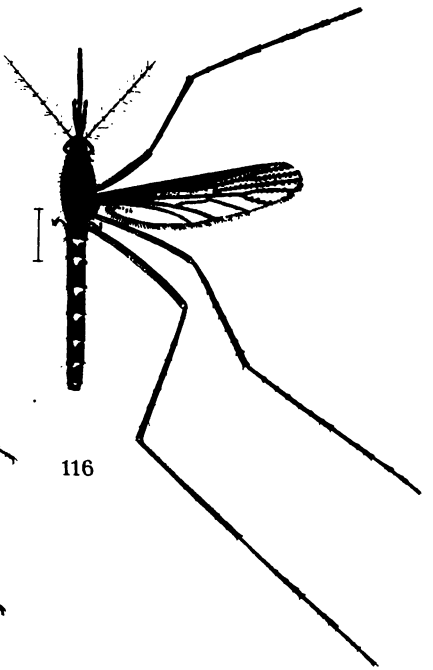


116

CBeard del.

West, Newman chromo.

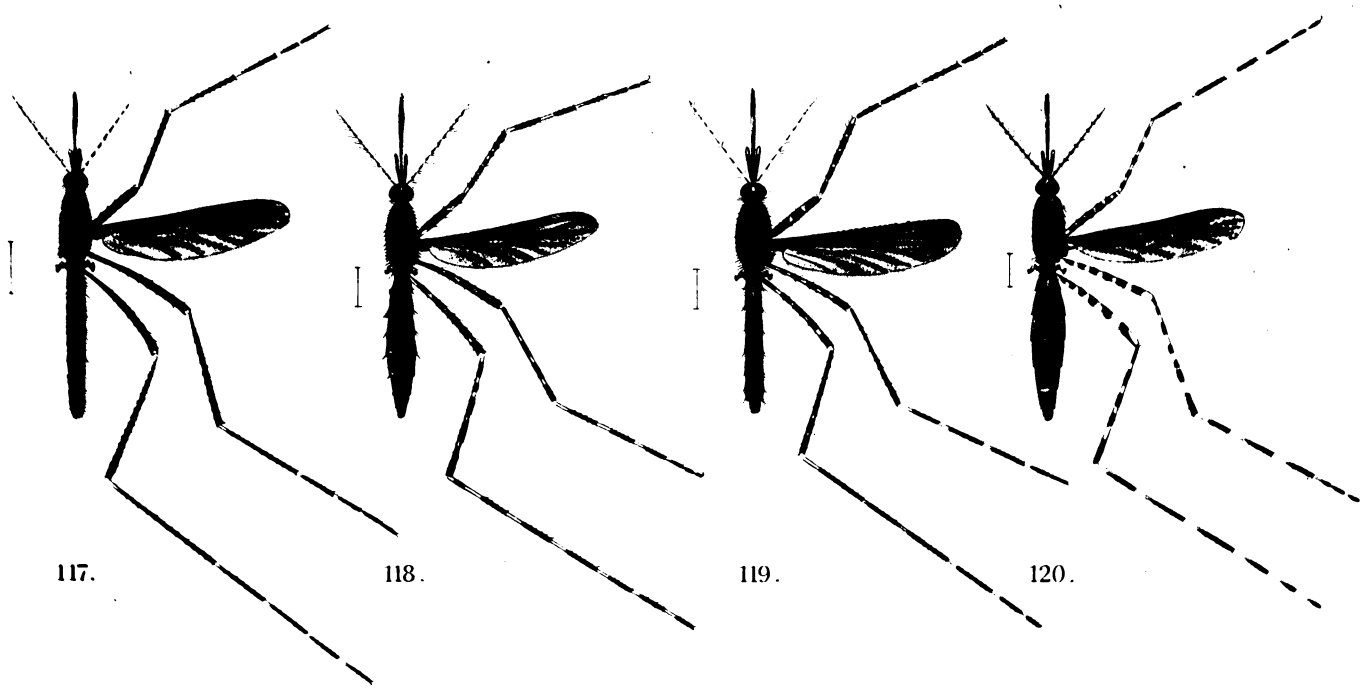
PLATE XXX.

Fig. 117. *Panoplites titillans.* Walker.

„ 118. *Panoplites uniformis.* n.sp.

„ 119. *Panoplites annulipes.* Walker.

„ 120. *Panoplites annulifera.* n.sp.



117. 118. 119. 120.

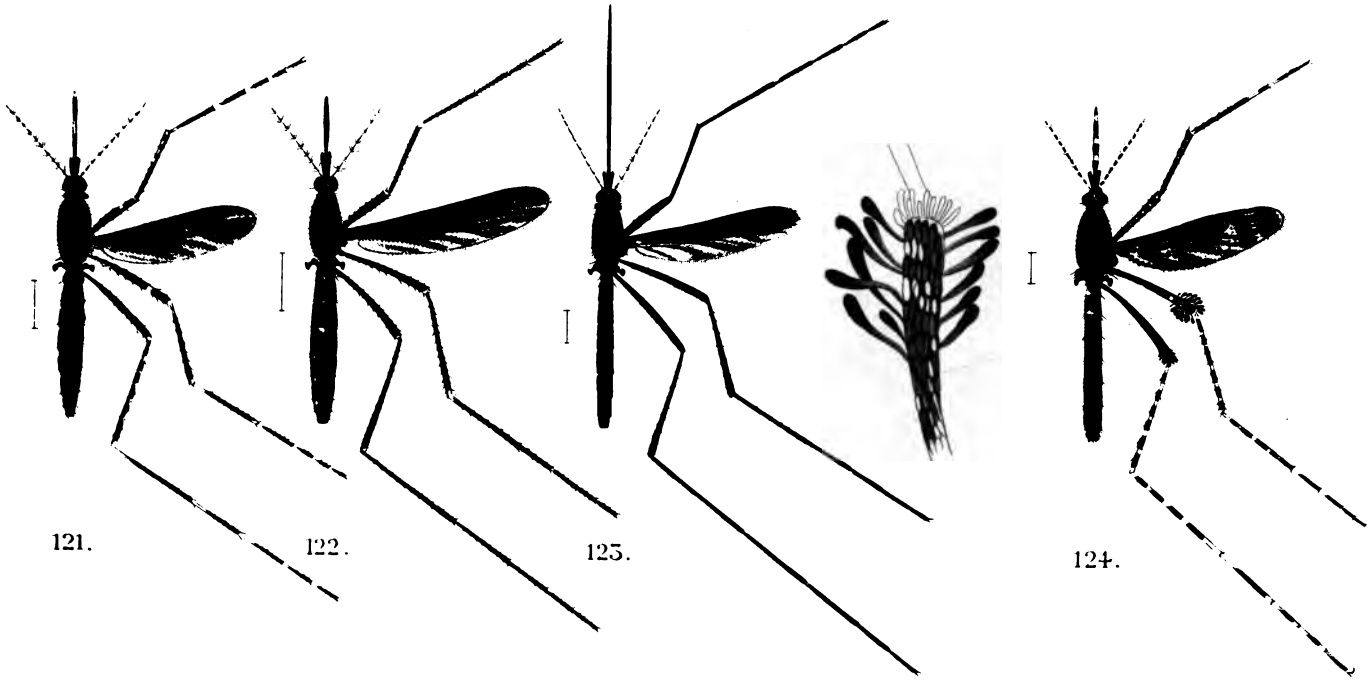
PLATE XXXI.

Fig. 121. *Taeniorhynchus fasciolatus.* Arribalzaga.

„ 122. *Taeniorhynchus Richardii.* Ficalbi.
(*Culex Richardii.* Ficalbi.)

„ 123. *Wyeomyia longirostris.* n.sp.

„ 124. *Aedeomyia squammipenna.* Arribalzaga.
(*Aedes squammipennis.* Arribalzaga.)



121.

122.

123.

124.

eard del.

Lith. Werner & Winter Frankfurt a/M.

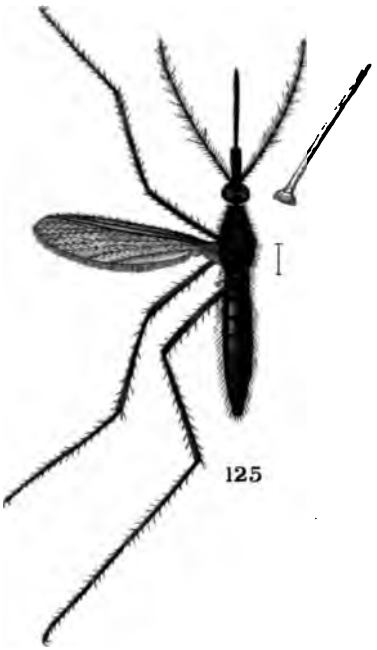
PLATE XXXII.

Fig. 125. *Deinocerites cancer.* n.sp.

„ 126. *Aedes fuscus.* Osten-Sacken.

„ 127. *Haemagogus cyaneus.* Fabricius.
(*Haemagogus splendens.* Williston.)
(*Culex cyaneus.* Fabricius.)

„ 128. *Uranotaenia pulcherrima.* Arribalzaga.



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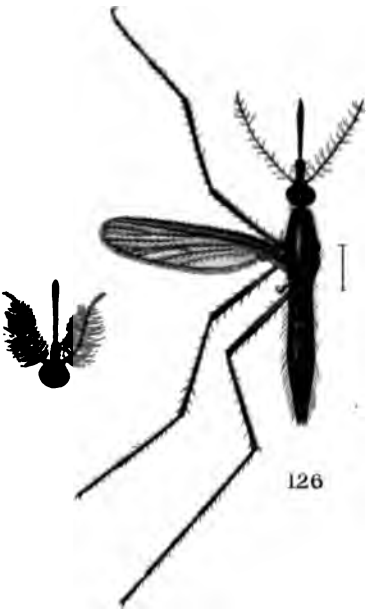

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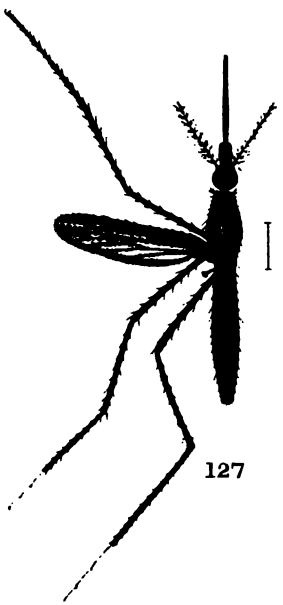

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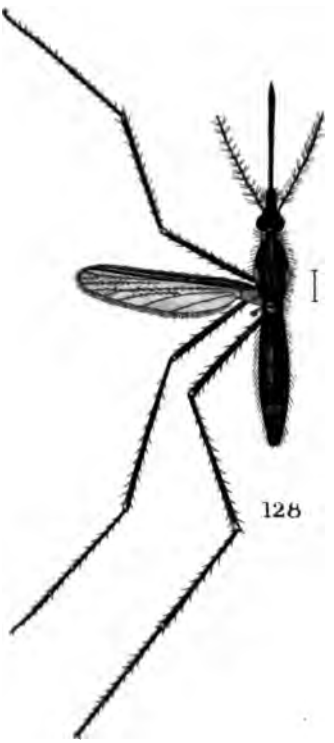


128

PLATE XXXIII.

Fig. 129. *Uranotaenia geometrica.* n.sp. (Lutz MS.)

„ 130. *Corethra fusca.* Zetterstedt.

„ 131. *Corethra nyblaei.* Zetterstedt.

„ 132. *Mochlonyx velutinus.* Ruthe.

Plate XXXIII.

129

130

131

132

M.Herman Fisher del.

West, Newman, Graveur.

The following are additional plates.

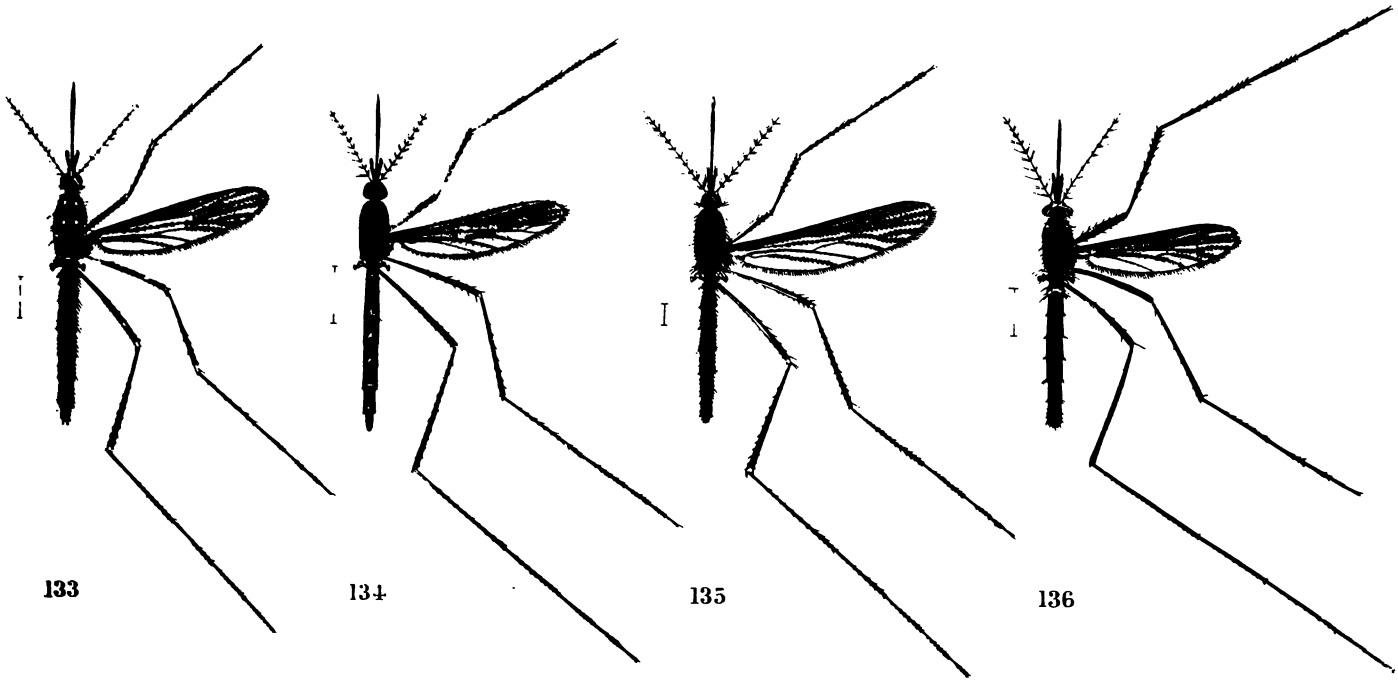
PLATE XXXIV.

Fig. 133. *Stegomyia argenteopunctata.* n.sp.

„ 134. *Stegomyia crassipes.* Van der Wulp.

„ 135. *Culex* (?) *atratus.* n.sp.

„ 136. *Culex longipes.* n.sp.



133

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rd del

Mintern Bros. Chromo.

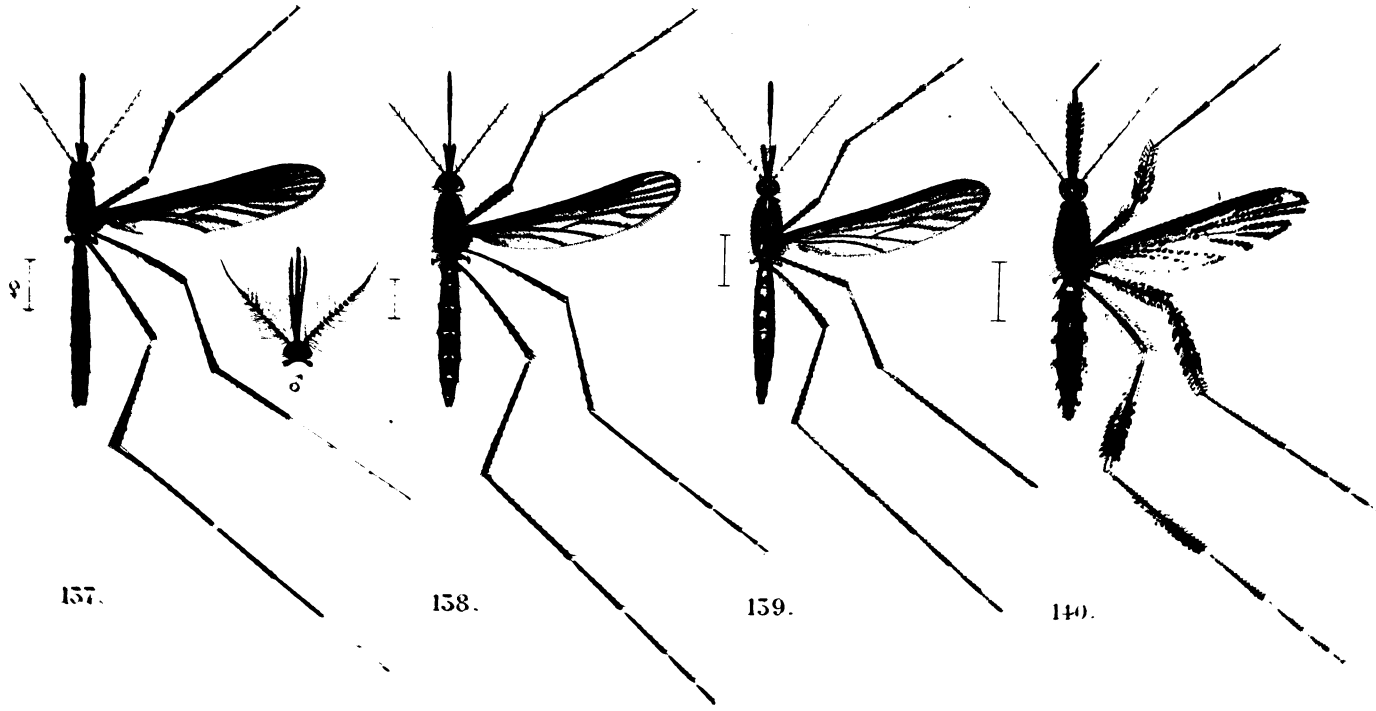
PLATE XXXV.

Fig. 137. *Trichoprosopon nivipes.* n.sp.

„ 138. *Culex sylvestris.* n.sp.

„ 139. *Culex vittiger.* Skuse.

„ 140. *Mucidus Africanus.* n.sp.



137. 138. 139. 140.

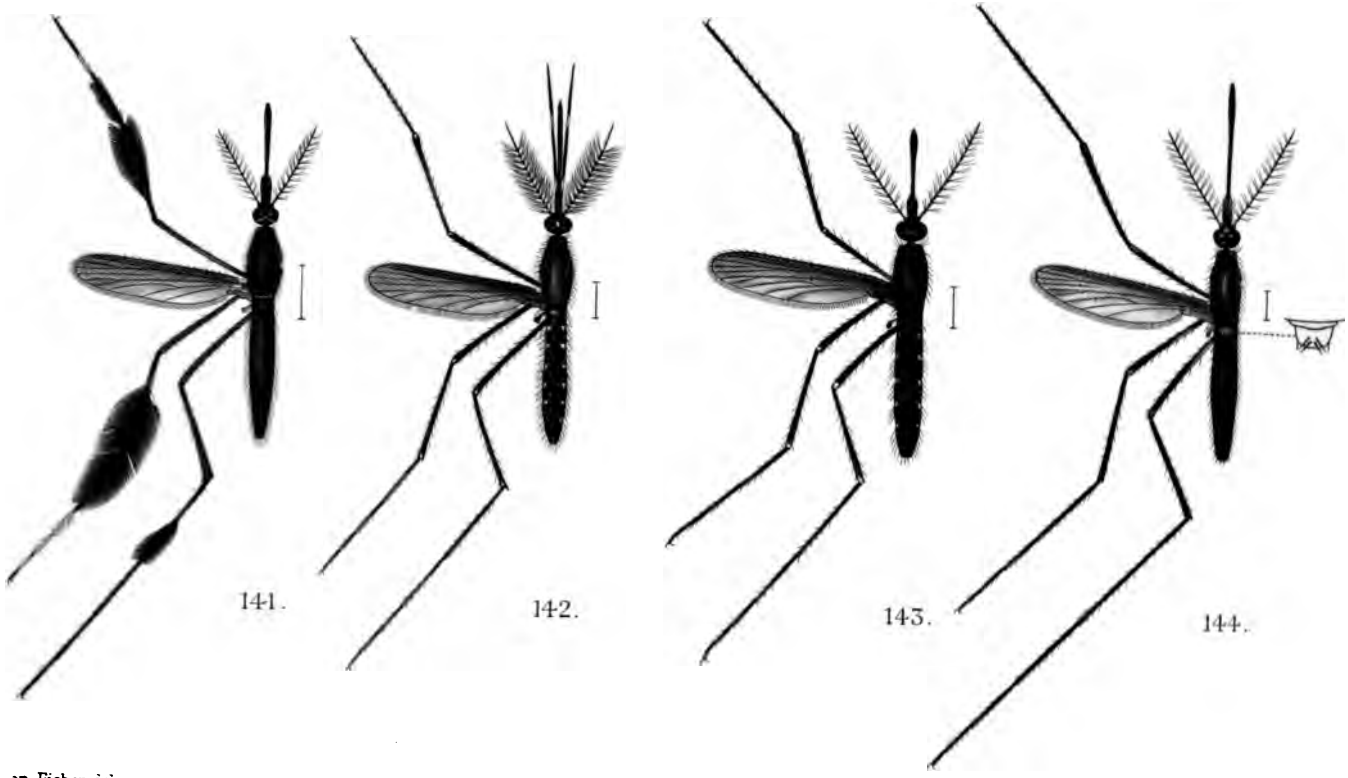
PLATE XXXVI.

Fig. 141. *Sabethes longipes.* Fabricius.

„ 142. *Culex scholasticus* (♂) n.sp.

„ 143. *Culex scholasticus* (♀). n.sp.

„ 144. *Wyeomyia Grayii.* n.sp.



141.

142.

143.

144.

-Fisher del.

Lith Werner & Winter, Frankfort a/M.

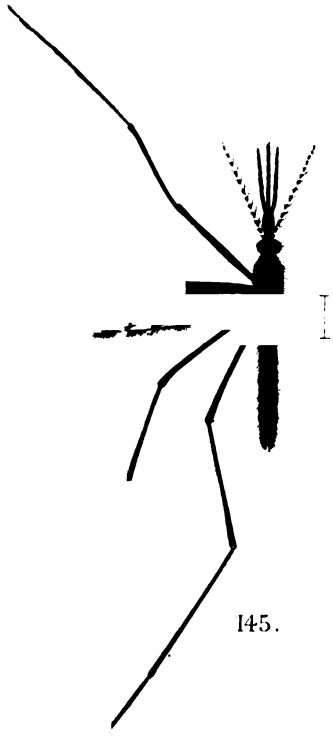
PLATE XXXVII.

Fig. 145. *Anopheles punctipennis* (♀). Say.

„ 146. *Anopheles Sinensis.* Wiedemann (type).

„ 147. *Anopheles Lutzii.* n.sp.

„ 148. *Anopheles punctulatus.* Dönitz.



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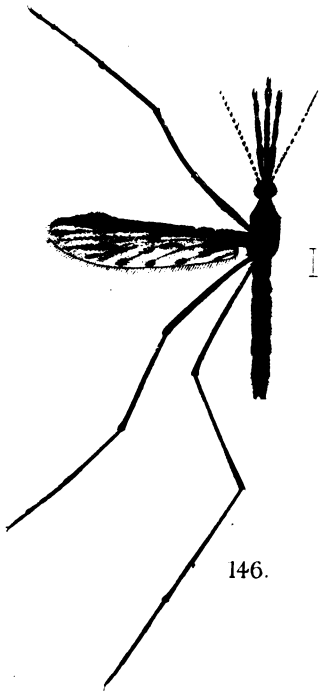

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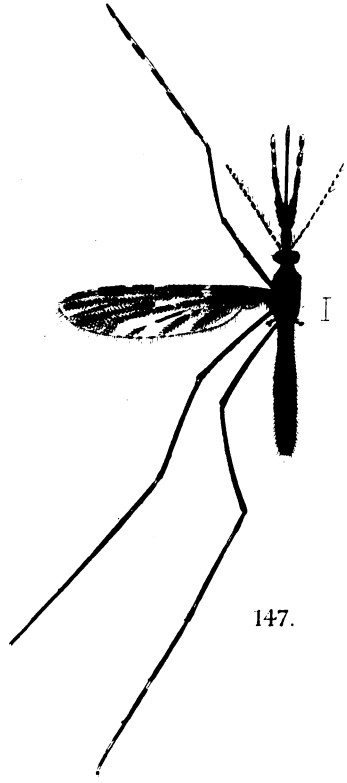


147.

148.

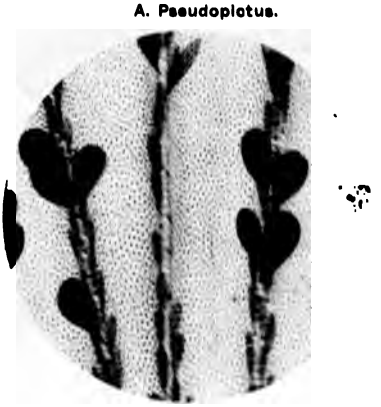
Heard del.

Lith. Werner & Winter, Frankfort°M.

A. sinensis.

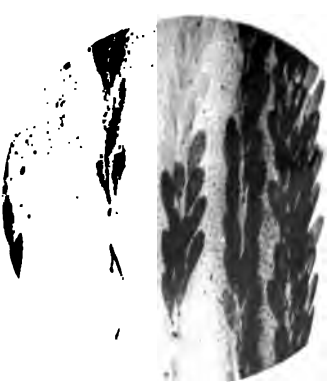
A. Pseudopictus.

A. sinensis sub. sp. annularis.



A Grabhamii.

A. barbirostris.



A. Rossii.

WING SCALES OF ANOPHELES.

Plate A.

Mucidus mucidus.

Panoplites titillans.

Conchyliates musicus.

Eretmapodites quinquevittatus.

Stegomyia fasciatus.

S. fasciatus. Queensland.

WING SCALES.

Plate B.

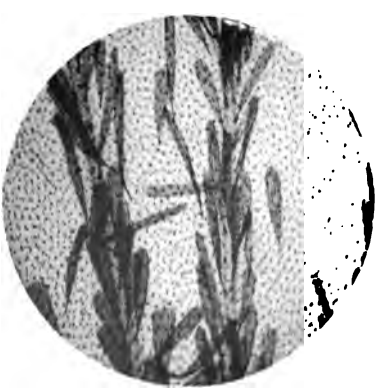
C. tæniorhynchus.

C. annulirostris. Queensland.

C. sitiens.

C. alboannulatus.

C. serrata.



C. hirsutipron

WING SCALES OF CULEX.

Plate C.

Culex impiger.

Culex fatigans.

Aedes fuscus.

Wyeomyia pertinans

Deinokerites cancer

Uranotaenia.

PLATE D.

Psorophora ciliata.

Mucidus Africanus.

Mucidus scataphagoides.

Taeniorhynchus Conopas.

Trichoprosopon nivipes.

Aedeomyia Squammipennis.

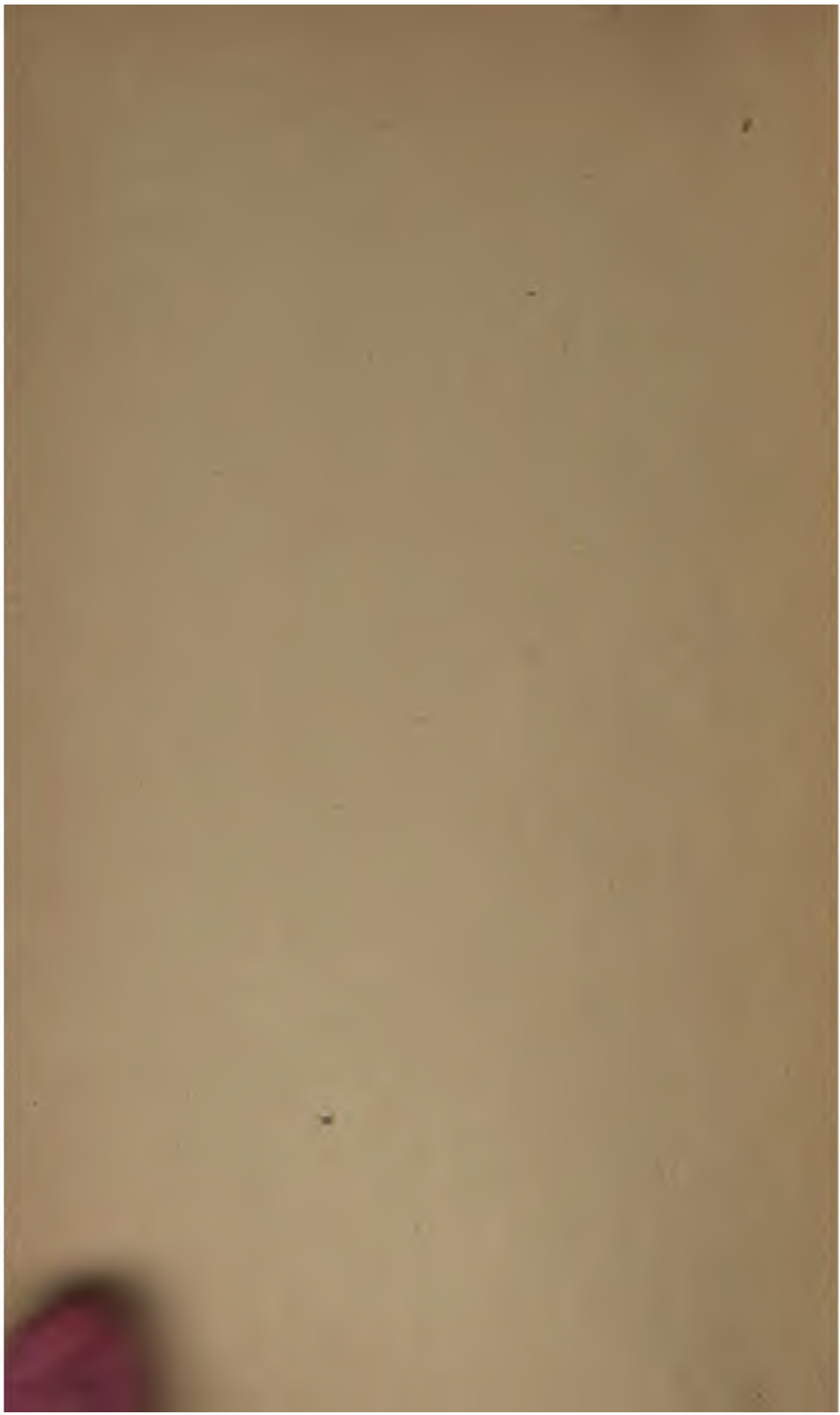



PLATE E.